

A New Form of *Alyxia olivaeformis* Gaud.

(Apocynaceae). Hawaiian Plant Studies 50

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Alyxia olivaeformis Gaud., forma retusa, forma nova. Fig. 1.

Diagnosis Holotypi: Foliis oppositis vel ternatis, laminis 19-38 mm longis 16-28 mm latis obovatis retusis marginibus revolutis, umbellis 2-2.5 cm longis, corollis 6 mm longis.

Diagnosis of Holotype: Leaves opposite or ternate; petioles 2-3 mm long; blades 19-38 mm long, 16-28 mm wide, coriaceous, obovate, the apex retuse, the base shortly cuneate, the margins revolute, the blade shiny, above dark green, below green; umbels 2-2.5 cm long; corollas 6 mm long.

Holotypus: Hawaiian Islands, Kauai Island, Napali Coast, Hanakapiai Valley, on ridge e. of the stream, dryland forest, 800 ft alt., Aug. 28, 1976, Charles Christensen 61 (BISH).

Discussion: The writer distinguished (Phytologia 32: 377-386, 1975) eleven forms of this species. Only one of them, forma obovata, has the blades obovate, but it has the apex rounded or subacute. The new forma also has obovate blades, but it unique in having the blade apices retuse. The epithet retusa has been used before, as A. retusa Merr., for a species from Luzon (Philipp. Journ. Sci. 14: 448, 1918), but that does not prevent its use in the taxon forma. It is inconceivable that any botanist would raise this forma to the status of a species, and locally it is outstanding in its retuse blades.



Fig. 1. Alyxia olivaeformis Gaud.,
forma retusa St. John, from
holotype. Leaf X 1.

NOTES ON NEW AND NOTEWORTHY PLANTS. XCII

Harold N. Moldenke

PREMNA MARIANNARUM f. DENTATA Moldenke, f. nov.

Haec forma a forma typica speciei foliorum laminis margine grossedentatis recedit.

This form differs from the typical form of the species in having the margins of its leaf-blades coarsely dentate with rounded or obtuse, rather low, sparse teeth.

The type of the form was collected by M. V. C. Falanruw (no. 3132) in a shrubby area along the southwest coast of Guguan island, northern Marianas Islands, at an elevation of about 9 meters, on July 12, 1975, and is deposited in the United States National Herbarium at Washington.